PACE 212 * RCVD AT 12/19/2006 8:52:50 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-214 * DNIS:2738300 * CSID:01246411882 * DURATION (mm-ss):00-38

CLAIMS

- 1. (Currently amended) A tile cutting attachment for cutting holes in tiles of a hard composition, comprising of a shaft (1) and a tip (2) for engaging the workpiece, the tip is provided with 6 cutting edges and each edge is provided with a clearance angle (c) approx 10⁰ 20⁰, sufficient to provide a cutting edge to cut the workpiece as the drill bit rotates, the tip should be provided with a point angle (p) of approx 90⁰.
- (Original) The point as claimed in claim 1 should be given a relief angle of approx
 60°
- 3. (Original) The point angle (p) and relief angle (r) as claimed in claim 1 and 2 should form a central point on the head of the tip
- (Original) Secondary cutting edges as claimed in claim 1 should be provided with an overall angle (s) of approx 30°
- 5. (Original) A tile drill bit as claimed in claim 1 having an active diameter of (d)
- 6. (Original) The cutting tip as claimed in claim 1 is manufactured from tugsten carbide